

CNDMC89-LTE 4G Industrial Modem

The CNDMC89-LTE 4G Industrial Modem offers robust, reliable and secure connectivity to 4G LTE Cat 1 (700/800/900/1800/2100 MHz) and fallback to 3G (UMTS/HSPA+) / 2G (GPRS/EDGE) mobile networks in a compact enclosure.

Based on the US headquartered Telit Cinterion wireless module (previously Thales Cinterion), the modem can be quickly integrated into any Windows system via serial RS232 or USB port (Supports Windows native driver plug and play support for Windows 10/11/2016/2019/2022 systems without the requirement to install 3rd party drivers or management software, hence providing greater cybersecurity, ease of use and future upgradability).

For critical infrastructure, utilities and defense industry application, the modem provides a secure means of transmitting SMS over traditional Cellular networks without connecting to the Internet or any corporate IT networks. As an AT Command only device, it has no Ethernet port and can only be configured/accessed using a serial interface (9-PIN RS232 or Serial-over-USB). **For connecting to corporate networks, a separate Serial-to-Ethernet converter device can be attached to the modem.*



Basic Features

- ✓ 4G LTE Bands 1, 3, 8, 20, 28 (700, 800,900, 1800, 2100 MHz) and 3G (900/2100 MHz)/2G** Fallback
- ✓ USB (no driver needed Windows plug-and-play) or RS232 9-PIN Serial interface
- ✓ Made in Germany and based on reliable US Telit Cinterion (previously Thales) wireless module
- ✓ Uses external AC power supply for better cellular signal reception
- ✓ CE Certified, EMC Draft EN 301 489-1/19/52, BS EN 62311:2008
- ✓ Bundled with Magnetic Whip Antenna, AC Power Adapter, Serial and USB cable.

Features	CNDMC89-LTE 4G Industrial Modem
2G GPRS/EDGE	Dual-Band GSM 900 and 1800 MHz
3G UMTS/HSPA+	Dual-Band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz)
4G LTE Cat 1	LTE Bands 1, 3, 8, 20, 28 (700, 800,900, 1800, 2100 MHz)
Text and PDU SMS	✓
Point to point SMS (MT/MO)	✓
Operating status LED	✓
Casing	Plastic
Interfaces	USB B Port / RS-232 (female) / 50 Ohm SMA Antenna
Power Supply Input (AC adapter)	100-240V / 50-60Hz
Size without connectors (in mm)	65 x 74 x 33mm
Weight (in g)	110 (without antenna and power supply)
Operating (in °C)	-30 ~ +75°C
Input voltage	8 to 30 V DC